

SEQUENCE LISTING



<110> Mirkin, Chad A.
Letsinger, Robert L.
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<120> NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
AND USES THEREFOR

<130> 00-653-A

<140> 09/927,777

<141> 2001-10-08

<150> 09/820,279

<151> 2001-03-28

<150> 09/760,500

<151> 2001-01-12

<150> 09/603,830

<151> 2000-06-26

<150> 09/344,667

<151> 1999-06-25

<150> 09/240,755

<151> 1999-01-29

<150> PCT/US97/12783

<151> 1997-07-21

<150> 60/031,809

<151> 1996-07-29

<150> 60/176,409

<151> 2000-01-13

<150> 60/192,699

<151> 2000-03-28

<150> 60/200,161

<151> 2000-04-26

<150> 60/213,906

<151> 2000-06-26

<150> 60/224,631

<151> 2000-08-11

<150> 60/254,392

<151> 2000-12-08

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16

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 <210> 22
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23

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<400> 28
taggacttac gc 12

<210> 29
<211> 48
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tacgagttga gaccgttaag acgaggcaat catgcaatcc tgaatgcg 48

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<400> 30
tgcattgattg cctcgtctta acgg 24

<210> 31
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atcctgaatg cg 72

<210> 32
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synthetic sequence

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gttgtccgta aagcgtccaa tatatgcatg attgcctcgt cttaacgg 48

<210> 33
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<400> 33
tctcaactcg ta 12

<210> 34
<211> 24
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<400> 34
tacgagttga gaatcctgaa tgcg 24

<210> 35
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<400> 35

cgcatcagg at

12

<210> 36

<211> 141

<212> DNA

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<400> 36

ggcggatgag tcagtagtta aggaggctca tagagaagta attaattcgt caacagaggg 60
attattgtta aatattgata aggatataag aaaaatatta tccagggtta tattgtagaa 120
attgaagata ctgaagggt t 141

<210> 37

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<212> DNA

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taacaataat ccctc

15

<210> 38

<211> 15

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<400> 38

atccttatca atatt

15

<210> 39

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tgagcctcct taactactga ctcatccgcc

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<210> 40
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25

<210> 41
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tataaccctg gataatattt ttcttat

27

<210> 42
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<210> 43
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tctcaactcg taaaaaaaaa aa

22

<210> 44
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tacgagttga gaatcctgaa tgcg

24

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<212> DNA

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aaaaaaaaaa cgcattcagg at

22

<210> 46

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tctcaactcg taaaaaaaaa aa

22

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aaaaaaaaaa cgcattcagg at

22

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tacgagttga gaatcctgaa tgcg 24

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<400> 49
ctacttagat ccgagtgccc acat 24

<210> 50
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cgcattcagg at 12

<210> 51
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aaaaaaaaaa aaaaaaaaaa cgcattcagg at 32

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<220>
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atcctgaatg cg 12

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aaaaaaaaaa aaaaaaaaaa 20

<210> 56
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<400> 56
ggattattgt taattattga taaggat 27

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<211> 12
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taacaatnat cc 12

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<400> 58
atccttatca atatt 15

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tctcaactcg ta 12

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tacgagttga gaatcctgaa tgcg 24

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gcgtaagtcc taacgtacta acggagcaga attgccagag ttgagcat 48

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gcgtaagtcc tacaacaggc atttcgcagg ttatatacgt actaacggag cagaattgcc 60
agagttgagc at 72

<210> 63

<211> 24

<212> DNA

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tgcattgattg cctcgtctta acgg 24

<210> 64

<211> 48

<212> DNA

<213> Artificial Sequence

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<212> DNA

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tatcgttcca tcagct 16

<210> 66

<211> 15

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 <210> 68
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 <400> 68
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 <210> 69
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 <400> 70
 aaaaaaaaaa aaaaaaaaaa 20

 <210> 71
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<400> 71

cgacacatag gtgaggtctg c

21

<210> 72

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<212> DNA

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synthetic sequence

<400> 72

aaaaaaaaaa aaaaaaaaaa atccttatca atatt

35

<210> 73

<211> 22

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<400> 73

tctcaactcg taaaaaaaaa aa

22

<210> 74

<211> 22

<212> DNA

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22

<210> 75

<211> 22

<212> DNA

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<400> 75

aaaaaaaaaa cgcattcagg at

22

<210> 76

<211> 24

<212> DNA

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<400> 76

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24